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1600

RAW SEQUENCE LISTING

DATE: 07/01/2003

PATENT APPLICATION: US/09/732,348A

TIME: 15:59:30

Input Set : A:\67453801.app

Output Set: N:\CRF4\07012003\I732348A.raw

3 <110> APPLICANT: CHOO, YEN
 4 ULLMAN, CHRISTOPHER GRAEME
 5 CHUA, NAM-HAI
 6 SANCHEZ, JUAN PABLO
 8 <120> TITLE OF INVENTION: REGULATED GENE EXPRESSION IN PLANTS
 10 <130> FILE REFERENCE: 674538-2001
 12 <140> CURRENT APPLICATION NUMBER: 09/732,348A
 13 <141> CURRENT FILING DATE: 2000-12-07
 15 <150> PRIOR APPLICATION NUMBER: PCT/GB00/02071
 16 <151> PRIOR FILING DATE: 2000-05-30
 18 <150> PRIOR APPLICATION NUMBER: GB 9912635.1
 19 <151> PRIOR FILING DATE: 1999-05-28
 21 <150> PRIOR APPLICATION NUMBER: GB 001578.4
 22 <151> PRIOR FILING DATE: 2000-01-24
 24 <150> PRIOR APPLICATION NUMBER: GB 0001580.0
 25 <151> PRIOR FILING DATE: 2000-01-24
 27 <160> NUMBER OF SEQ ID NOS: 33
 29 <170> SOFTWARE: PatentIn Ver. 2.1
 31 <210> SEQ ID NO: 1
 32 <211> LENGTH: 17
 33 <212> TYPE: DNA
 34 <213> ORGANISM: Artificial Sequence
 36 <220> FEATURE:
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 46 <212> TYPE: DNA
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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 58 <211> LENGTH: 60
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 62 <220> FEATURE:
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 64 sequence

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66 <400> SEQUENCE: 3

67 ctctgtagcgt tggacctgtg ccatggccgg ctgggcccga tagaatggaa caactaaagc 60

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71 <211> LENGTH: 995

72 <212> TYPE: DNA

73 <213> ORGANISM: Artificial Sequence

75 <220> FEATURE:

76 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

77 sequence

79 <400> SEQUENCE: 4

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81 ctttcgccga ctgcggcgct gcttataaca agaactggaa actgcaggcg catctgtgca 120

82 aacacacagg agagaaacca ttccatgta aggaagaagg atgtgagaaa ggctttacct 180

83 cgcttcatca cttaaccgc cactcactca ctcatactgg cgagaaaaac ttcacatgtg 240

84 actcggtatg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca 300

85 gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat 360

86 tcaagaaaca caatcaatta aaggttcac agttcagtc cacacagcag ctgccgtatg 420

87 cttgccctgt cgagtcctgc gatcgccgct tttctcgctc ggatgagctt acccgccata 480

88 tccgcatcca cacaggccag aagcccttcc agtgtcgaat ctgcatgcgt aacttcagtc 540

89 gtagtgacca ccttaccacc cacatccgca cccacacagg cgagaagcct tttgcctgtg 600

90 acatttgtgg gaggaagttt gccaggagt atgaacgcaa gaggcatacc aaaatccatt 660

91 taagacagaa ggacgcggcc gactcgagc ggaattccgg cccaaaaaag aagagaaagg 720

92 tcgccccccc gaccgatgac agcctggggg acgagctcca cttagacggc gaggacgtgg 780

93 cgatggcgca tgccgacgag ctgacgatt tcgatctgga catgttgggg gacggggatt 840

94 ccccgggggc gggatttacc cccacgact ccgcccccta cggcgctctg gatacggccg 900

95 acttcgagtt tgagcagatg tttaccgatg cccttggaaat tgacgagtac ggtggggaac 960

96 aaaaacttat ttctgaagaa gatctgtaag gatcc 995

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101 <212> TYPE: DNA

102 <213> ORGANISM: Artificial Sequence

104 <220> FEATURE:

105 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

106 sequence

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110 ctttcgccga ctgcggcgct gcttataaca agaactggaa actgcaggcg catctgtgca 120

111 aacacacagg agagaaacca ttccatgta aggaagaagg atgtgagaaa ggctttacct 180

112 cgcttcatca cttaaccgc cactcactca ctcatactgg cgagaaaaac ttcacatgtg 240

113 actcggtatg atgtgacttg agatttacta caaaggcaaa catgaagaag cactttaaca 300

114 gattccataa catcaagatc tgcgtctatg tgtgccattt tgagaactgt ggcaaagcat 360

115 tcaagaaaca caatcaatta aaggttcac agttcagtc cacacagcag ctgccgtatg 420

116 cttgccctgt cgagtcctgc gatcgccgct tttctcgctc ggatgagctt acccgccata 480

117 tccgcatcca cacaggccag aagcccttcc agtgtcgaat ctgcatgcgt aacttcagtc 540

118 gtagtgacca ccttaccacc cacatccgca cccacacagg cgagaagcct tttgcctgtg 600

119 acatttgtgg gaggaagttt gccaggagt atgaacgcaa gaggcatacc aaaatccatt 660

120 taagacagaa ggacgcggcc gactcgagc ggaattccgg cccaaaaaag aagagaaagg 720

121 tcgaacttca gctgacttcg gatgcattag atgactttga cttagatatg ctaggatctg 780

122 acgcgctaga cgatttcgat ctggacatgt tgggcagcga tgctctagac gatttcgatt 840

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123 tagatatgct tggctcggat gccctggatg acttcgacct cgacatgctg tcaagtcagc 900
124 tgagccagga acaaaaactt atttctgaag aagatctgta aggatcc 947
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128 <211> LENGTH: 14
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial Sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
134 sequence
136 <400> SEQUENCE: 6
137 aaggagatat aaca 14
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141 <211> LENGTH: 29
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
147 sequence
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150 tgcgtggcg tgtacctgga tgggagacc 29
153 <210> SEQ ID NO: 8
154 <211> LENGTH: 35
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
160 sequence
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163 ccacgcgtcc atgggagaga aggcgctgcc ggtgg 35
166 <210> SEQ ID NO: 9
167 <211> LENGTH: 44
168 <212> TYPE: DNA
169 <213> ORGANISM: Artificial Sequence
171 <220> FEATURE:
172 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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176 ccactagtcc ttacagatct tcttcagaaa taagtttttg ttcc 44
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180 <211> LENGTH: 148
181 <212> TYPE: DNA
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184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
186 sequence
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189 cctctagatc ggtctcccat ccagggtacac gccacgcaa gtcggtctcc catccaggta 60
190 cacgcccacg caagtcggtc tccatccag gtacacgcc acgcaagtcg gtctcccatc 120
191 cagggtacag cccacgcaag aagcttcc 148

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203 <400> SEQUENCE: 11
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205 ggatgggaga ccgacttgcg tgggcgtgta cctggatggg agaccgactt gcgtgggcgt 120
206 gtacctggat gggagaccga tctagagg                               148
209 <210> SEQ ID NO: 12
210 <211> LENGTH: 45
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
216     sequence
218 <400> SEQUENCE: 12
219 ccagatctgg tctcccatcc aggtacacgc ccacgcaaga tctcc                               45
222 <210> SEQ ID NO: 13
223 <211> LENGTH: 46
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
229     sequence
231 <400> SEQUENCE: 13
232 ggagatcttg cgtgggcgtg tacctggatg ggagaccaga tctcgg                               46
235 <210> SEQ ID NO: 14
236 <211> LENGTH: 34
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial Sequence
240 <220> FEATURE:
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250 <212> TYPE: DNA
251 <213> ORGANISM: Artificial Sequence
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254 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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262 <211> LENGTH: 28

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264 <213> ORGANISM: Artificial Sequence
266 <220> FEATURE:
267 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
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275 <211> LENGTH: 30
276 <212> TYPE: DNA
277 <213> ORGANISM: Artificial Sequence
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288 <211> LENGTH: 38
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301 <211> LENGTH: 38
302 <212> TYPE: DNA
303 <213> ORGANISM: Artificial Sequence
305 <220> FEATURE:
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309 <400> SEQUENCE: 19
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313 <210> SEQ ID NO: 20
314 <211> LENGTH: 38
315 <212> TYPE: DNA
316 <213> ORGANISM: Artificial Sequence
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322 <400> SEQUENCE: 20
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328 <212> TYPE: DNA
329 <213> ORGANISM: Artificial Sequence
331 <220> FEATURE:
332 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/01/2003
PATENT APPLICATION: US/09/732,348A TIME: 15:59:31

Input Set : A:\67453801.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:22; Xaa Pos. 1,3,4,5,6,8,9,10,12,13,14,15,16,18,19,21,22,23